

SEQUENCE LISTING

<110> Gurney et al.

<120> SUSCEPTIBILITY GENE FOR MYOCARDIAL INFARCTION, STROKE, AND PAOD;
METHODS OF TREATMENT

<130> 30847/40792A

<140> To be assigned
<141> 2005-01-31

<150> US 60/642,909
<151> 2005-01-10

<150> US 10/830,477
<151> 2004-04-22

<150> US 10/769,744
<151> 2004-01-30

<150> PCT/US03/32556
<151> 2003-10-16

<150> US 60/419,433
<151> 2002-10-17

<150> US 60/449,331
<151> 2003-02-21

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<212> DNA
<213> Homo sapiens

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tctgaaat aaatttaat tggggccct gtattttact gggcaaccca tttgcaatat 180
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tacctatgtc cttgatatact taaattaatg agtgccttag acactcaaag caggaggaag 300
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ttctttatta ttgttgcac gacagagcaa aggact 396

<210> 540
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<212> DNA
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gagctcagag ccttctttrt tatttgcttc acgacagagc aaaggactgc agcaggttga 240
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atttgcctg tcttgatgtt catgtcatcc ttgttc 396

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<212> DNA
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 tc当地atcctg acttagcaaa gttggggcaa aagagactct gtgtgagttc gagcaaagcc 300
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<210> 542
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<213> Homo sapiens

<400> 542
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 aaaagagact ctgtgtgart tcgagaaag cctgagatgc tggattttcc aagatacgag 240
 aaggggctgg gggctgggtg aactgggtgg ggaggaggaa aggattaatt tcccaaggag 300
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 agatcaagtg gagtgacaca aaggtcagga aagagg 396

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<213> Homo sapiens

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atttgtatga acattagctt ttgagaagtg ttgctt 396

<210> 548
<211> 396
<212> DNA
<213> Homo sapiens

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<210> 549
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<213> Homo sapiens

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<212> DNA
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<210> 551
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<212> DNA
<213> *Homo sapiens*

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<400> 551
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cctcccgagt agctgggatt acaggcgtgt gccacc 396

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<210> 552
<211> 396
<212> DNA
<213> *Homo sapiens*

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tgtctagctt tatttttttg tgttctgcc a tcaagttgtc actttctgtt ccatcgtgcc 360
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<210> 553
<211> 396
<212> DNA
<213> *Homo sapiens*

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tctcagTTgt cagCTagTTg tgcaatgaaG ggaaaggAAC ctacactttC caagcctCAA 180
ttcactcAtC tatggcatkg tgacaataat ggaggTTgat ttAAAGTCCT ttgtaagaAT 240
taaGAGTTat aatAGACATA aagtgtGTa tctggTatac ctAgAAAACA ttccataAAA 300
gttagtaatt gttggTCatG taatgtatgAC tctctaggGT aggatttcAG ctTCATTGCA 360
tqcacatqqt qcactcacaq qgcgtqacct ctctct 396
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<210> 554
<211> 396
<212> DNA
<213> *Homo sapiens*

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tatcttctc ctcatttctc cttactttct tgcttattat ctgctctagg tatagattc 300
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<210> 555
<211> 396
<212> DNA
<213> Homo sapiens

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ctgagaacag taggactgtt gttcaaatgc tcttgtt 396

<210> 556
<211> 396
<212> DNA
<213> Homo sapiens

<400> 556
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catacgcaat gtaaattgtt ttatctctca ggtatgtt 396

<210> 557
<211> 396
<212> DNA
<213> Homo sapiens

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acatataagg gtctttgrg atatcttttta aatagactta atacaacatt caggaatgt 240
aacaaaaat aatcacagtt gtaaggaaat gtgagcattt catattaata acattggAAC 300
cttatgttta atacagtgtt aaaagttgtc aaacatgttag gagtcagaaa attcaattaa 360
aattatcaca gtaatatgaa ttttagccaca tccttgtt 396

<210> 558
<211> 396
<212> DNA
<213> Homo sapiens

<400> 558
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accttatgtt taatacagtgtt tttaaaagttgtt acaaaccatgtt aggaggcaga aaattcaatt 300
aaaattatca cagtaatatg aattttagccca catoctgtgtt tagttatgaa atccattttaa 360
caccacaaac agtaatattt ttagccaggattt tattca 396

<210> 559
<211> 396
<212> DNA
<213> Homo sapiens

<400> 559
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<210> 560
<211> 396
<212> DNA
<213> Homo sapiens

<400> 560
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<210> 561
<211> 396
<212> DNA
<213> Homo sapiens

<400> 561
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<210> 562
<211> 396
<212> DNA
<213> Homo sapiens

<400> 562
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<210> 563
<211> 396
<212> DNA
<213> Homo sapiens

<400> 563
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 agcacacataat gatgggagc aaagctgtgt cattcccaa agataactat tcgcctttg 300
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 gttgtttttt gacctgagtt tccattgtga acaaga 396

<210> 564
<211> 396
<212> DNA
<213> Homo sapiens

<400> 564
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<210> 565
<211> 396
<212> DNA
<213> Homo sapiens

<400> 565
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agttgactgc ttccctcag tctgcatttgc tggcct 396

<210> 566
<211> 396
<212> DNA
<213> Homo sapiens

<400> 566
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acaggcgctt ggcctggcca gtactgttgca caagttgact gcttccctc agtctgcac 300
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agtttatagt gctggacta cccaaagtgg ctatgt 396

<210> 567
<211> 396
<212> DNA
<213> Homo sapiens

<400> 567
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<210> 568
<211> 396
<212> DNA
<213> Homo sapiens

<400> 568
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<210> 569

<211> 396

<212> DNA

<213> Homo sapiens

<400> 569

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<211> 396

<212> DNA

<213> Homo sapiens

<400> 570

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<211> 396

<212> DNA

<213> Homo sapiens

<400> 571

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<210> 572

<211> 396

<212> DNA

<213> Homo sapiens

<400> 572

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<210> 573
<211> 396
<212> DNA
<213> Homo sapiens

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<210> 574
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<212> DNA
<213> Homo sapiens

<400> 574
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<212> DNA
<213> Homo sapiens

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<210> 577
<211> 396
<212> DNA
<213> Homo sapiens

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 caggagaatg g cgtgaaacc gggaggcaga gcttcagtg agctgagatc gcccactgc 360
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<210> 578

<211> 396

<212> DNA

<213> Homo sapiens

<400> 578

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 ctgaaccgag ggcatgtaa g cgggcctctg gcaactgtacc tatgagggag caatatcttc 360
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<210> 579

<211> 396

<212> DNA

<213> Homo sapiens

<400> 579

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 agttatccat cattttccwt gtaacacctg agggattgcc attcacactg atctgagctg 240
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<210> 580

<211> 396

<212> DNA

<213> Homo sapiens

<400> 580

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<210> 581

<211> 396

<212> DNA

<213> Homo sapiens

<400> 581

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<210> 582
<211> 396
<212> DNA
<213> Homo sapiens

<400> 582
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<210> 583
<211> 396
<212> DNA
<213> Homo sapiens

<400> 583
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caacaaaaaa caagcaggat acctagatct ggaaaaggga gaattgtgtt gagctgtctt 360
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<210> 584
<211> 396
<212> DNA
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<400> 584
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<210> 585
<211> 396
<212> DNA
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<400> 585
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<210> 586
<211> 396
<212> DNA
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<210> 587

<211> 396

<212> DNA

<213> Homo sapiens

<400> 587

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<210> 588

<211> 396

<212> DNA

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<210> 589

<211> 396

<212> DNA

<213> Homo sapiens

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<210> 590

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<212> DNA

<213> Homo sapiens

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<210> 591
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<210> 592
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<211> 396
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<211> 396

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<212> DNA

<213> Homo sapiens

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<211> 396

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

<220>

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 gaggataata t_gaaaattgtat gaaaaggaac cctgtgg_ttg gatccctgac aatcacatgt 180

atccctttt tcactcttra aaaaggagta aaggataaaa atagaannnn nnnnnnnnnn 240
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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

<400> 613

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gccaggagg tgaggaaggt tggacttcac cagagaggct ttgtggacac cctttatcat 360
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<210> 614

<211> 396

<212> DNA

<213> Homo sapiens

<400> 614

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<210> 615

<211> 396

<212> DNA

<213> Homo sapiens

<400> 615

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<211> 396

<212> DNA

<213> Homo sapiens

<400> 616

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<210> 617

<211> 396

<212> DNA

<213> Homo sapiens

<400> 617

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aagggggagt catggtcamc caagaaaaat gtattcagaa tgccaagaat ggtgcaaact 240
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<211> 396

<212> DNA

<213> Homo sapiens

<400> 618

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<210> 619

<211> 396

<212> DNA

<213> Homo sapiens

<400> 619

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<210> 620

<211> 396

<212> DNA

<213> Homo sapiens

<400> 620

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<210> 621

<211> 396

<212> DNA

<213> Homo sapiens

<400> 621

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<210> 622

<211> 396

<212> DNA

<213> Homo sapiens

<400> 622

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396

<210> 623

<211> 396

<212> DNA

<213> Homo sapiens

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396

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<211> 396

<212> DNA

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396

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<212> DNA

<213> Homo sapiens

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396

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<212> DNA

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aaggataaat gatactggg gattaaaaag acagatgcac gtatTTTtag cataaaacac 240
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 ccagtgtggc tcatcggttc agacttggcc ttaattaatg ggctgtccct ccaccatct 360
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<210> 627
<211> 396
<212> DNA
<213> Homo sapiens

<400> 627
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<210> 628
<211> 394
<212> DNA
<213> Homo sapiens

<400> 628
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<210> 629
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<212> DNA
<213> Homo sapiens

<400> 629
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<210> 630
<211> 396
<212> DNA
<213> Homo sapiens

<400> 630
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<210> 631
<211> 396

<212> DNA

<213> Homo sapiens

<400> 631

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 ctcttgtaga tgagcaaayt gaggctattt gaggcttagga aatgcaccca cactcacata 240
 gcccataaga ggcagccatg gcattggcc cagaccatgt gaacttcaaa gactacacga 300
 gcagccactg ggcagctgtc atggctaaag ccacttgaat tcagcccagc agcaaccccc 360
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<210> 632

<211> 396

<212> DNA

<213> Homo sapiens

<400> 632

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 ggcagccatg gcattggcc cagaccatgt gaacttcaaa gactacacga gcagccactg 300
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<210> 633

<211> 396

<212> DNA

<213> Homo sapiens

<400> 633

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 atgggtgaat acggaccra tgcataatca ctaggcagtt cacatttcta atgagcaaatt 240
 cccttagaca attaagaatt ttttcctt tgcataaccc agacaaaatc gctactaaaa 300
 aacaaaaccaa agaccgaaa catgagaaaag agaaggaagc agggaaaatc tttggacta 360
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<210> 634

<211> 396

<212> DNA

<213> Homo sapiens

<400> 634

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 gaatcatatt ttctcagtcc tgaggctgca attttgtgcc tctagtaaca tataagaata 300
 gatgtgatgc cagtccccag tagctgctgc aatttttact tggggacctg tttatttcact 360
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<210> 635

<211> 396

<212> DNA

<213> Homo sapiens

<400> 635

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 ttgcattgacg agtttggaaa ttgcattt gttttacact atataatcac atgaaacccg 360
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<210> 636
<211> 396
<212> DNA
<213> Homo sapiens

<400> 636
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<210> 637
<211> 396
<212> DNA
<213> Homo sapiens

<400> 637
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<210> 638
<211> 396
<212> DNA
<213> Homo sapiens

<400> 638
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 caacacagaa ttttaaattc tgaaggcctg aggtgggtgt gaacatttg atttctaaca 180
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<210> 639
<211> 396
<212> DNA
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 ctcgatgctg ctgcccckc tggcccggag agcatgcctg gagaactgccc accttcgacc 240
 atggactgtg agaattcaca tggacctcag aattataatc agtctctcag ttttacagat 300
 aaggaaacta aatccagaga gattgtttt gcaatgggtga acagctgggtt aaagtcagga 360
 tggagactt aatccttagtc aagtgaccc ttccct 396

<210> 640
<211> 396

<212> DNA

<213> Homo sapiens

<400> 640

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 attcacatgg acctoagaat tataatcagt ctctcagtt tacagataag gaaactaaat 300
 ccagagagat tgtttgcca atggtaaca gctggtaaa gtcaggatgg agactttaat 360
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<210> 641

<211> 396

<212> DNA

<213> Homo sapiens

<400> 641

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 tacaaggcgt gtttttaa gccactcagt ttgtggccac ttgttacagc agcaagagga 360
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<210> 642

<211> 396

<212> DNA

<213> Homo sapiens

<400> 642

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 cacaggaata tggtagtta aaaagagagg aagggtgcaa aacatccacg ttagagttag 180
 aactctccag ggagttagra ctgtggccag catacagtga tcaccctctt agtaagctaa 240
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<210> 643

<211> 396

<212> DNA

<213> Homo sapiens

<400> 643

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 gcaccagctt ttttagttt actttgttgc ctttaacatt tgaagatcac ccttcttgc 300
 tcagcctggc ttgcagacct gggctgattt gtggatctga tagaaaagtt tccttagttg 360
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<210> 644

<211> 396

<212> DNA

<213> Homo sapiens

<400> 644

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 agtgttagtt cagataacaag ggcattataa atgagagtc ctgagggatc tattttggga 360
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<210> 645

<211> 396

<212> DNA

<213> Homo sapiens

<400> 645

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 cccgctctgt aaagtagata gagggtgattt tatgtccctt attaccttc aggataacttt 300
 gactcaggga gataaagtaa cttgggtaca gctactcagc tggtaagaa cacaggcaga 360
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<210> 646

<211> 396

<212> DNA

<213> Homo sapiens

<400> 646

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 gcctgggtct tttgacttaa aattctggat ttttcacaaa gatccttta ctttattcat 300
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<210> 647

<211> 396

<212> DNA

<213> Homo sapiens

<400> 647

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 acttgcgtgt aactgataaa tacaatggaa gtttgaaggt gtttcgttagc cctggaaata 300
 gtttattccct gtcaaaacaa gctttgtcat tgccagcaga caaaagcatc agtaaccttg 360
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<210> 648

<211> 396

<212> DNA

<213> Homo sapiens

<400> 648

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<210> 649

<211> 396

<212> DNA
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<210> 650
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<212> DNA
<213> Homo sapiens

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<210> 651
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<212> DNA
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<210> 652
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<212> DNA
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<210> 653
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<210> 654
<211> 396
<212> DNA
<213> Homo sapiens

<400> 654
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<210> 655
<211> 396
<212> DNA
<213> Homo sapiens

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<210> 656
<211> 396
<212> DNA
<213> Homo sapiens

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<210> 657
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<212> DNA
<213> Homo sapiens

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<210> 658
<211> 396

<212> DNA

<213> Homo sapiens

<400> 658

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<210> 659

<211> 396

<212> DNA

<213> Homo sapiens

<400> 659

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<210> 660

<211> 396

<212> DNA

<213> Homo sapiens

<400> 660

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<210> 661

<211> 396

<212> DNA

<213> Homo sapiens

<400> 661

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 tcttaacaca gatactgctt aacacaacca ctctgagcag ctgtcataag tagaagtaat 180
 agatactaga agaaatgtmt aagcctaaatc tagacaaaaa tacggctgat tatagatgca 240
 agccagaggg gctttatggt taaatgcaag gagattttca accctggcgt cttagaagcta 300
 ctggctgaga tcttcctcag ttggggccat ctcctccca ggcctctctt ctgttcctgg 360
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<210> 662

<211> 396

<212> DNA

<213> Homo sapiens

<400> 662

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 agtaatagat actagaagaa atgtctaagc ctaatctaga cccaaaatac gcctgatata 180

gatgcaagcc agaggggckt tatggtaaa tgcaaggaga tttcaaccc tgccgtctag 240
 aagctacttg ctgagatctt cttcagttgg gccccatctcc tccccaggcc tctcttctgt 300
 tcctgggcta tgcacactt ggactctgca gacacctaatt gctttggga cctgcttag 360
 ttcttgcacct caccacccga ggaggaattt ctagat 396

<210> 663
<211> 396
<212> DNA
<213> Homo sapiens

<400> 663
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 gacccaaata cggcctgata tagatgcaag ccagaggggc tttatggta aatgcaagga 180
 gatTTTcaac cctgcgttyt agaagctact tgctgagatc ttcttcagtt gggcccatct 240
 cctcccccagg cctctttctt gttcctgggc tatgtcacac ttggactctg cagacaccta 300
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 gatccttcccc ccggaatttc tctcttgaac cccaga 396

<210> 664
<211> 396
<212> DNA
<213> Homo sapiens

<400> 664
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 aaccgaggag gaattgctmg atgagatctt tccccccggaa ttctctctt gaaccccaga 240
 tggcccggtt ccccttcca gaagttgctc cagccctgtc cgcttaggaa gttcagtgtc 300
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 cttcaggct tcaggctgcc ctgcgaggat tttgca 396

<210> 665
<211> 396
<212> DNA
<213> Homo sapiens

<400> 665
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 aatcttgggtt tcttccctt tcatttaagc tattacctgg gcctgaactc aatggcacct 240
 ggcaccaact ggcaactgac tcttggctt ttattaccta cttcccttag caggcactgg 300
 gttgctccctt cttccatatcc catggagttcc tgtcctctgt tggggctcct actgatcctc 360
 ttggcaatat gaagttctca gtcataatggt ggggtgg 396

<210> 666
<211> 396
<212> DNA
<213> Homo sapiens

<400> 666
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 tgaactcagg ttacccact ctcctccctc ctgagttgct cactcactcc tcattcactc 360
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<210> 667
<211> 396

<212> DNA

<213> Homo sapiens

<400> 667

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 ccaactggca actgactctt ggtctttat tacctacctt ccctagcagg cactgggttg 180
 ctccctcttc statcccayg gagtccctgtc ctctgttgg gctcctactg atcctcttgg 240
 caatatgaag ttctcagctc aatggtggtt gggcaatgac tgccaactct tgaggccaat 300
 gaactcaggt taccctactc ctccctctcc tgagttgctc actcactctt cattcactca 360
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<210> 668

<211> 396

<212> DNA

<213> Homo sapiens

<400> 668

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 tattacctac ctcccttagc aggcaactggg ttgctccctc ttccctatccc atggagtctt 180
 gtcctctgtt ggggctccya ctgatcctt tggcaatatg aagttctcag ctcaatggtg 240
 ggtgggcaat gactgccaac tcttgaggcc aatgaactca gtttacccca ctccctctcc 300
 tcctgagttt ctcaactact ctcatttac tcaacattga ttcaagtagat atttgctacc 360
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<210> 669

<211> 396

<212> DNA

<213> Homo sapiens

<400> 669

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 gccaatgaa ctcaggttgc cccactccctc ctccctctga gttgctcact cactcctcat 240
 tcactcaaca ttgattcagt agatatttgc tacctgctct tgccaggtt ccaggtcagt 300
 tgctgaaggg gtaacagtga acatgacggg gtctttgtcc ccaaggagac ccaagggtgtc 360
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<210> 670

<211> 396

<212> DNA

<213> Homo sapiens

<400> 670

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 atgaagttct cagctcaatg gtgggtgggc aatgactgccc aactcttgcg gccaatgaac 180
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 tgattcagta gatatttgc acctgctctg tgccaggtt caggtcagtt gctgaaggag 300
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 ggggcacatt gcaagaccaa atatattcaa cttacc 396

<210> 671

<211> 396

<212> DNA

<213> Homo sapiens

<400> 671

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 cactcctctt ctcctctgact tgctcactca ctcccttacc actcaacattt gattcagtag 180

atatttgcta cctgctctr t ggcaggtaacc aggtcagttg ctgaaggagt aacagtgaac 240
 atgacggagt ctttgcctcc aaggagaccc aagggtgtctc ctagagccag gggcacattg 300
 caagacccaaa tatattcaac ttacaaaaat aatcatagac ctagttctca aaaagcaaga 360
 agactgattc ctcgtgtca tttctcctcc tcagca 396

<210> 672
<211> 396
<212> DNA
<213> Homo sapiens

<400> 672
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 attcctgggc cccatcccmtg attatgaat cagaatctct gccagaggaa gcctgagaat 240
 ttgcattctc agatgattct gcattctcag ataacacatt ctttaggtga ttcttacaca 300
 cactggagtt tggaatcgc tgaaggctgt tcacttctct tttctgagaa atgattcatt 360
 catttcagaa atatttgag aggtccttat ttattt 396

<210> 673
<211> 396
<212> DNA
<213> Homo sapiens

<400> 673
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 tttcaattcc cttaccagca ctgcggggg actctgtact catctgctgg cgctgccata 180
 acaaaggact gcagcctgkg gggctcaaaac cacagaattt attctctcac agtcctagag 240
 gctagaagtc caagatcaaa gtgtggggcag ggtcggttc tcctgcagcc tctctcctt 300
 gcttataagag tgccacccctc tacctgtgtc ttcacatcat cacctcactg agcatgtctg 360
 tgtccaaatc tccccttctt ataagacccc agtcat 396

<210> 674
<211> 396
<212> DNA
<213> Homo sapiens

<400> 674
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 catgtctgtg tccaaatctc cccttctt aagaccccag tcataactgga tgaggatcca 120
 cccatatgag ttcatTTTAC cttattttac tctttaaaca ccctgtctcc aaatacagtc 180
 ccattctgag gaactgagrg taaagattca acatatgaat tttggaaaggg acctaattca 240
 gcccacaaca ccctcttttggatgtttt tttccccctt aaggagctag ttaggatgtc 300
 ttatctcatg aacatgactg tgaacaggaa aacaggaga gaatgaagct ggccaaggaa 360
 cagggctgtt gtcagctagc agtgctttc tgatgt 396

<210> 675
<211> 396
<212> DNA
<213> Homo sapiens

<400> 675
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 actgagagta aagattcaac atatgaattt tggaaggagc ctaattcagc ccacaaacacc 120
 ctctttggg atgtttattt tcccccttaa ggagcttagt aggatgtctt atctcatgaa 180
 catgactgtg aacaggaara cagggagaga atgaagctgg ccaaggaaca gggctgggt 240
 cagctagcag tgctttctg atgtgagtg ggccacagg gagcttgta aaatgcagat 300
 tctgattcat taggttccag agggacctga gatttcccat ttctgacaag tttccagtgt 360
 gggggctgtt gtcgtggtc cacggaccat actttg 396

<210> 676
<211> 396

<212> DNA

<213> Homo sapiens

<400> 676

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ggacctgaga tttccattt ctgacaagtt tccagtgtgg gggctgatgc tgctggtcca 180
cgaccatac tttgagtagtc aaggagctt atacataatg gctgagtgac tttcagactc 240
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tttgggaggc cgaggtgggc agatcacctg aggtcaggag ttgcagacca gcctggccaa 360
catggtgaaa caccatctct accaaaaata caaaaaa 396

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<210> 677

<211> 396

<212> DNA

<213> Homo sapiens

<400> 677

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ctaacacagt cctgcatttac acacgtgtct gtcgttatgg gcagctgcag agagggtctt 360
aatggtccta atgctcagtg aggatgccccca atggtc 396

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<210> 678

<211> 396

<212> DNA

<213> Homo sapiens

<400> 678

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ctcaaaaaaca aagaaacaaa caacaacaat aacaacaaaa accaagtctc tccctccact 60
caaaaaatgca agggcctgtc tcccattgtc gggtgcccag gtctcatgaa tgttagatatg 120
aattattcca gtcagcctca ggagaataga atgagccctc agatgccgaa gcacctt.ca 180
gattccaccc gtttatcrg ctcatttaaa cttcaacttct aacacagtcc tgcatcattac 240
acgtgtctgt cgttatggc agctgcagag agggtcttaa tggcctaat gctcagttag 300
gatgcccaat ggtcaacaga acctgcccattt tcacggccat caaggagctc tggagttaa 360
gaaatcatga gggcacagag gggcggtac agcaga 396

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<210> 679

<211> 396

<212> DNA

<213> Homo sapiens

<400> 679

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tgattacac acgtgtctgt cggtatggc agctgcagag agggtcttaa tggcctaat 180
gctcagttag gatgcccart ggtcaacaga acctgcccattt tcacggccat caaggagctc 240
tggagttaa gaaatcatga gggcacagag gggcggtac agcagagccc tcgtggtaat 300
gggttttag gtcaggctc tttcaacttgc ggtttgaaat aagttcaatg actagtaata 360
gtcgagacac ttctaccctt caaatgaagt aaatgg 396

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<210> 680

<211> 396

<212> DNA

<213> Homo sapiens

<400> 680

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ctgcattaca cacgtgtctg tcgttatggg cagtcagaa gagggtctta atggcctaa 120
tgctcagtga ggtgccccaa tggcaacag aacotgcccattt tcacggccat 180

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ctggaggtaa gaaaatcawg agagcacaga ggggcgggta cagcagagcc ctcgtggtaa 240
tgggtttga ggtctaggct ctttcaactt gggttgaaa taagttcaat gacttagtaat 300
agctgagaca cttctaccct tcaaatgaag taaatggaa aatggagcat tggtgagtc 360
agggagctat aatttaaacc ccatatatct aaaagg                                396

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<210> 681
<211> 396
<212> DNA
<213> *Homo sapiens*

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<400> 681
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gaggatgccc aatggtcaac agaacctgccc atcttcaggc catcaaggag ctctggagtt 120
aaggaaatca ttagagcaca gaggggcggg tacagcagag ccctcggtt aatgggttt 180
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ataatttaaa ccccatatat ctaaaaagggg taacatttt gtgtgtgtga aattgggtgc 360
attcgcactg catctacagt tttcttttc cttctc 396

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<210> 682
<211> 396
<212> DNA
<213> *Homo sapiens*

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actattacct catcttcttt ttccggaaatg actttggaaaa ctacataaaag acgatctcca 120
ccaccatctc ccctctactt ctcattccct aactctctgc tgaatatggg gttgggttcc 180
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tttagatggct gtaaatctat tggccatctg ggcttcacag ctttagttaa ctttgccttt 300
ccgggaacaa aatgtatgtca tgtcagctcc gccccttggaa catgaccgtg gccccaaatt 360
tgctattttcc atgcatttttg tttgtttctt cactta 396
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<210> 683
<211> 396
<212> DNA
<213> *Homo sapiens*

<400> 683
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gctttcttt agatggctgt aaatcttattt gccatctggg cttcacagct tgagtttaacc 120
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cccaaatttg ctattcccrt gcattttgtt tgtttcttca cttatccctgt tctctgaaga 240
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tagttgaggg gttttgttaa tggctttgg gggattttatc tctataccca caaacgacta 360
gtttgttttc ctcaaaactaa atgataaatat taaaaaa 396

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<210> 684  
<211> 396  
<212> DNA  
<213> Homo sapiens
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<400> 684
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aggcagggtgg atcacttgag gtcagaatt aagaccagcc tggccaatat ggtgaaagcc 180
tgtctgtact aaaaatacra aaatttagcca ggtatgctgg tggatgctta taatccccgc 240
tacttgggag gttgaggcag gagaattgct tgaacccggg aggttagaggt tgcaagtggc 300
caagatcatg ccactgcact ccagcttggg caacagagtg agactccatc tcaaattaaa 360
aaaaatacac acatctggcttc tqqaaaaatt acttqa 396
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<210> 685
<211> 396

<212> DNA

<213> Homo sapiens

<400> 685

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 cacacagcca tgtgaattag gttggtatct tcataacta gcatcggtcc cagcacttcc 180
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 cgtcatacgt gcccccaat attggcaaac caatgaataa atgaatgaat gagtttatga 300
 atcgctaact ggctgttattt aatgaagtat gtgtgttgag ccatttccc cagtgtggac 360
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<210> 686

<211> 396

<212> DNA

<213> Homo sapiens

<400> 686

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 catccctctt cacacagcca tgtgaattag gttggtatct tcataacta gcatcggtcc 120
 cagcacttcc atgttataca gtttaaaatg ttctgttaatt ccctgtggaa acctaagata 180
 atgcgaggac cgtcatacrt gcccccaat attggcaaac caatgaataa atgaatgaat 240
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 cagtgtggac agatttgtcc cacaatatgg gccttccc aaaggcccta ccacctaattg 360
 ccatcacact ggggatttgta tttcaacatg tgaatt 396

<210> 687

<211> 396

<212> DNA

<213> Homo sapiens

<400> 687

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<210> 688

<211> 396

<212> DNA

<213> Homo sapiens

<400> 688

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 ggacagtaat aggtgggtct gtgttattcc ccagatgagt atcatgacag tcacaatct 180
 agaaaggatg tgaaggcttc cccagcttc ctccagttgc ctgcttggc agcagagatg 240
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 caggcaagag gatctctcaa ttcaaggagg agggcctgaa tgaccccttc tttccaggcc 360
 tggctgtatgg tccaggctga agccctctt ggctt 396

<210> 689

<211> 396

<212> DNA

<213> Homo sapiens

<400> 689

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 ggctgaagcc ctcctggct tgcactgoca gacccatcc agcaggagct cttggcatt 180

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gactgcttca ggatagttsc ttctgctctg agtgctctc aaagagcagt gctctaccat 240
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aagtggccccc caggccttct catgcctggg ctgggttgg aagggtggta ggtgatcaat 360
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<210> 690
<211> 396
<212> DNA
<213> *Homo sapiens*

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<400> 690
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aggaaaggca tggacattg caggatggaa gtggccccca ggccttctca tgcctgggct 120
tggtttgaa ggtggtcagg tgatcaataa tcctgattgg cctggcattg aggagtttc 180
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ggcatttagg gtcttcatca ccttgattat catttctatg tgttgagaac atttcaagtt 360
ctcagttcca gtatTTqa aataqacagt ccattt 396

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<210> 691
<211> 396
<212> DNA
<213> *Homo sapiens*

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<400> 691
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<210> 692
<211> 396
<212> DNA
<213> *Homo sapiens*

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gatgatccctg ggaaaaactaa agtaaatcag acaccccgacg tgtgagctag gttataatat 300
gcccgagtggaa ccctggggac atcttagctt tcagagggtca tgctgtccaa gctgactgtg 360
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<210> 693
<211> 396
<212> DNA
<213> *Homo sapiens*

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<400> 693
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gagtctcagg tgcacagctt ctgatgaggg acagcttcta attgaagaca gcattgtgta 300
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tccctaaqcc tcaattttqc atqtqttaca ttqqqa 396

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<210> 694
<211> 396

<212> DNA

<213> Homo sapiens

<400> 694

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<210> 695

<211> 396

<212> DNA

<213> Homo sapiens

<400> 695

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 cttaagtca actgattaga gatcttaatt acatctgca agtccctca tggttaccgt 300
 ataacataac ttagtggaaag gagtgaaatt gcaaccagg tctgcctgca ctccacggaa 360
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<210> 696

<211> 396

<212> DNA

<213> Homo sapiens

<400> 696

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 tgggattct gcctacgtca ctgagtcaaa agaaagctgaa tgggtgtat gctgagggtt 300
 tgggcagca gcagtgtgtg tgggtgtat aattcatacg tatgaccacc tggaaagaaa 360
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<210> 697

<211> 396

<212> DNA

<213> Homo sapiens

<400> 697

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<210> 698

<211> 396

<212> DNA

<213> Homo sapiens

<400> 698

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 ggaggcattat cctgtAACCC taatcctta ggaggccaaa acagcaggat tgTTTgaggc 300
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 aattttaaaa aattagctgt gtgttgtaaa gtgtgc 396

<210> 699
<211> 396
<212> DNA
<213> Homo sapiens

<400> 699
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<210> 700
<211> 396
<212> DNA
<213> Homo sapiens

<400> 700
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<210> 701
<211> 396
<212> DNA
<213> Homo sapiens

<400> 701
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 ctctat tttttttttt aaaaaaaaaa tttttttttt gttttttttt tcactattct ggttggctgg 300
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<210> 702
<211> 396
<212> DNA
<213> Homo sapiens

<400> 702
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 gcgagagaga gagggggagag atgcccaggct tttttttttt accaggactg gggaaactaa 360
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<210> 703
<211> 396

<212> DNA

<213> Homo sapiens

<400> 703

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 caacttgaga tttagagggg ggaaacttac aaactatcgc aggcaactat accactcatg 300
 agggctccac ctcatgacc taatcacttc ctaaaggcct tacctcttaa tctcatcaca 360
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<210> 704

<211> 396

<212> DNA

<213> Homo sapiens

<400> 704

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<210> 705

<211> 396

<212> DNA

<213> Homo sapiens

<400> 705

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 gcatcctcta cagaacactgt cttaaaaacat gaaagttcct tagtgcacc cccagaggtt 360
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<210> 706

<211> 396

<212> DNA

<213> Homo sapiens

<400> 706

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<210> 707

<211> 396

<212> DNA

<213> Homo sapiens

<400> 707

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 aagacagcat cctcatgaat gggattatgt tccttataaa ataggcccaa gggagctcat 360
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<210> 708
<211> 396
<212> DNA
<213> Homo sapiens

<400> 708
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<210> 709
<211> 396
<212> DNA
<213> Homo sapiens

<400> 709
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<210> 710
<211> 396
<212> DNA
<213> Homo sapiens

<400> 710
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<210> 711
<211> 396
<212> DNA
<213> Homo sapiens

<400> 711
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<210> 712
<211> 396

<212> DNA

<213> Homo sapiens

<400> 712

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 aaagaggaaa aaaacagaca aaaaaatcca tatgaa 396

<210> 713

<211> 396

<212> DNA

<213> Homo sapiens

<400> 713

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<210> 714

<211> 396

<212> DNA

<213> Homo sapiens

<400> 714

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<210> 715

<211> 396

<212> DNA

<213> Homo sapiens

<400> 715

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<210> 716

<211> 396

<212> DNA

<213> Homo sapiens

<400> 716

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<210> 717

<211> 396

<212> DNA

<213> Homo sapiens

<400> 717

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